


		NTSB ID: MIA99LA201		Aircraft Registration Number: N19222	
		Occurrence Date: 07/24/1999		Most Critical Injury: Serious	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place ORMOND BEACH	State FL	Zip Code 32173	Local Time 0325	Time Zone EDT	
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility:			
Aircraft Information Summary					
Aircraft Manufacturer Cessna		Model/Series 150L /150L		Type of Aircraft Airplane	
Revenue Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On July 24, 1999, about 0325 eastern daylight time, a Cessna 150L, N19222, registered to Ormond Beach Aviation Inc., was substantially damaged during a forced landing, near Ormond Beach, Florida. The commercial-rated pilot and dual student pilot reported serious injuries. Visual meteorological conditions (VMC) prevailed in the vicinity, and no flight plan had been filed. The local instructional flight was being conducted in accordance with Title 14 CFR Part 91. The flight had originated from the Ormond Beach Airport, at an unknown time.</p> <p>The flight was conducted as an instructional flight for the purpose of giving the student a night check-out. At 0324, a "MAYDAY" call was made by one of the pilots to Daytona Airport. The flight had been flying in the traffic pattern at Ormond Beach, when the airplane's engine lost power. The pilot put the airplane down on a road adjacent to the Ormond Beach Mall about 1/2 mile southwest of the airport. The airplane impacted the ground and nosed over. Examination of the wreckage revealed that fuel was present in the fuel tanks.</p> <p>The engine was examined under the supervision of the FAA at Ormond Beach Aviation's facility, Ormond Beach, Florida, on July 28, 1999. The examination revealed that the No. 2 exhaust valve was stuck in the open position. According to the FAA inspector's statement, "...the No. 2 exhaust valve was stuck open which led to a loss of power." Further examination of the cylinder revealed no discrepancies were found in the valve stem, valve guide size, or part numbers.</p> <p>Toxicological tests were conducted on both pilots at the Federal Aviation Administration, Research Laboratory, Oklahoma City, Oklahoma, and revealed, "No ethanol or drugs detected in Blood."</p> <p>Neither crewmember gave their version of the accident or made any statements. The FAA inspector stated, "the flight instructor suffered a head injury and could not remember the accident. The student [pilot] refused to speak with the FAA and returned to England a few days after the accident."</p>					
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		Occurrence Type: Accident				
Landing Facility/Approach Information						
Airport Name ORMOND BEACH		Airport ID: OMA	Airport Elevation 28 Ft. MSL	Runway Used 0	Runway Length	Runway Width
Runway Surface Type:						
Runway Surface Condition:						
Approach/Arrival Flown: NONE						
VFR Approach/Landing: Traffic Pattern						
Aircraft Information						
Aircraft Manufacturer Cessna		Model/Series 150L /150L		Serial Number 15074249		
Airworthiness Certificate(s): Normal						
Landing Gear Type: Tricycle						
Amateur Built Acft? No		Number of Seats: 2		Certified Max Gross Wt. 1600 LBS	Number of Engines: 1	
Engine Type: Reciprocating		Engine Manufacturer: Continental		Model/Series: O-200A		Rated Power: 100 HP
- Aircraft Inspection Information						
Type of Last Inspection 100 Hour		Date of Last Inspection 06/1999		Time Since Last Inspection 66 Hours		Airframe Total Time 12878 Hours
- Emergency Locator Transmitter (ELT) Information						
ELT Installed?/Type Yes /		ELT Operated? No		ELT Aided in Locating Accident Site?		
Owner/Operator Information						
Registered Aircraft Owner ORMOND BEACH AVIATION INC.		Street Address 770 AIRPORT RD STE 7				
		City ORMOND BEACH		State FL	Zip Code 32174	
Operator of Aircraft ORMOND BEACH AVIATION INC.		Street Address 770 AIRPORT RD STE 7				
		City ORMOND BEACH		State FL	Zip Code 32174	
Operator Does Business As:				Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None						
Air Carrier Operating Certificate(s):						
Operating Certificate:			Operator Certificate:			
Regulation Flight Conducted Under: Part 91: General Aviation						
Type of Flight Operation Conducted: Instructional						
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First Pilot Information																																																																																															
Name			City		State	Date of Birth	Age																																																																																								
On File			On File		On File	On File	33																																																																																								
Sex: M	Seat Occupied: Right		Occupational Pilot? Civilian Pilot			Certificate Number: On File																																																																																									
Certificate(s): Flight Instructor; Commercial																																																																																															
Airplane Rating(s): Single-engine Land																																																																																															
Rotorcraft/Glider/LTA: None																																																																																															
Instrument Rating(s): Airplane																																																																																															
Instructor Rating(s): Airplane Single-engine																																																																																															
Current Biennial Flight Review?																																																																																															
Medical Cert.: Class 1		Medical Cert. Status: Valid Medical--no waivers/lim.			Date of Last Medical Exam: 01/1999																																																																																										
<table border="1"> <tr> <th>- Flight Time Matrix</th> <th>All A/C</th> <th>This Make and Model</th> <th>Airplane Single Engine</th> <th>Airplane Multi-Engine</th> <th>Night</th> <th colspan="2">Instrument Actual Simulated</th> <th>Rotorcraft</th> <th>Glider</th> <th>Lighter Than Air</th> </tr> <tr> <td>Total Time</td> <td>600</td> <td>320</td> <td>600</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td>320</td> <td></td> <td>320</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instruction Received</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>102</td> <td>102</td> <td>102</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>17</td> <td>17</td> <td>17</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>3</td> <td>3</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument Actual Simulated		Rotorcraft	Glider	Lighter Than Air	Total Time	600	320	600								Pilot In Command(PIC)											Instructor	320		320								Instruction Received											Last 90 Days	102	102	102								Last 30 Days	17	17	17								Last 24 Hours	3	3	3							
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Seatbelt Used? Yes		Shoulder Harness Used? Yes			Toxicology Performed? Yes		Second Pilot? Yes																																																																																								
Flight Plan/Itinerary																																																																																															
Type of Flight Plan Filed: None																																																																																															
Departure Point		State		Airport Identifier		Departure Time		Time Zone																																																																																							
Same as Accident/Incident Location				OMN		0000																																																																																									
Destination		State		Airport Identifier																																																																																											
Local Flight																																																																																															
Type of Clearance: None																																																																																															
Type of Airspace:																																																																																															
Weather Information																																																																																															
Source of Wx Information:																																																																																															
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Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
DAB	0353	EDT	28 Ft. MSL	5 NM	360 Deg. Mag.
Sky/Lowest Cloud Condition: Clear				0 Ft. AGL	Condition of Light: Night/Dark
Lowest Ceiling: None			0 Ft. AGL	Visibility: 5 SM	Altimeter: 29.00 "Hg
Temperature: 25 °C		Dew Point: 23 °C		Weather Conditions at Accident Site: Visual Conditions	
Wind Direction: 190		Wind Speed: 3		Wind Gusts:	
Visibility (RVR): 0 Ft.		Visibility (RVV) 0 SM			
Precip and/or Obscuration:					

Accident Information		
Aircraft Damage: Substantial	Aircraft Fire: None	Aircraft Explosion: None

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL	
First Pilot		1			1	
Second Pilot						
Student Pilot		1			1	
Flight Instructor						
Check Pilot						
Flight Engineer						
Cabin Attendants						
Other Crew						
Passengers						
- TOTAL ABOARD -		2			2	
Other Ground	0	0	0		0	
- GRAND TOTAL -	0	2	0		2	

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	Occurrence Type: Accident	
Administrative Information		
Investigator-In-Charge (IIC) ALAN J. YURMAN		
Additional Persons Participating in This Accident/Incident Investigation: RON MORGAN ORLANDO, FL		
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